

Iteroparous strategy in II mother: reproduction distributed over *several* years.

Iteroparous strategy: reproduction spread over *several* seasons

| Age | 25% survivorship | | | 50% survivorship | | | 75% survivorship | | |
|-----|------------------|----------|------------|------------------|----------|------------|------------------|----------|------------|
| | $l(x)$ | $m(x)$ | $(lx)(mx)$ | $l(x)$ | $m(x)$ | $(lx)(mx)$ | $l(x)$ | $m(x)$ | $(lx)(mx)$ |
| 0 | 1.000 | 0 | | 1.00 | 0 | | 1.00 | 0 | |
| 1 | 0.250 | 2 | | 0.50 | 2 | | 0.75 | 2 | |
| 2 | 0.063 | 3 | | 0.25 | 3 | | 0.56 | 3 | |
| 3 | 0.016 | 2 | | 0.13 | 2 | | 0.42 | 2 | |
| 4 | 0.000 | 0 | | 0.00 | 0 | | 0.00 | 0 | |

R(o)

Semelparous strategy in SS mother: reproduction limited to *single* year.

Semelparous strategy: reproduction concentrated in *one* season *only*

| Age | 25% survivorship | | | 50% survivorship | | | 75% survivorship | | |
|-----|------------------|----------|------------|------------------|----------|------------|------------------|----------|------------|
| | $l(x)$ | $m(x)$ | $(lx)(mx)$ | $l(x)$ | $m(x)$ | $(lx)(mx)$ | $l(x)$ | $m(x)$ | $(lx)(mx)$ |
| 0 | 1.000 | 0 | | 1.00 | 0 | | 1.00 | 0 | |
| 1 | 0.250 | 4 | | 0.50 | 4 | | 0.75 | 4 | |
| 2 | 0.063 | 0 | | 0.25 | 0 | | 0.56 | 0 | |
| 3 | 0.016 | 0 | | 0.13 | 0 | | 0.42 | 0 | |
| 4 | 0.000 | 0 | | 0.00 | 0 | | 0.00 | 0 | |

R(o)

Additive fecundity in IS heterozygous mother: average contribution of both alleles

Additive strategy: R(o) in **IS** heterozygotes

| Age | 25% survivorship | | | 50% survivorship | | | 75% survivorship | | |
|-----|------------------|------------|------------|------------------|------------|------------|------------------|------------|------------|
| | $l(x)$ | $m(x)$ | $(lx)(mx)$ | $l(x)$ | $m(x)$ | $(lx)(mx)$ | $l(x)$ | $m(x)$ | $(lx)(mx)$ |
| 0 | 1.000 | 0 | | 1.00 | 0 | | 1.00 | 0 | |
| 1 | 0.250 | 3 | | 0.50 | 3 | | 0.75 | 3 | |
| 2 | 0.063 | 1.5 | | 0.25 | 1.5 | | 0.56 | 1.5 | |
| 3 | 0.016 | 1 | | 0.13 | 1 | | 0.42 | 1 | |
| 4 | 0.000 | 0 | | 0.00 | 0 | | 0.00 | 0 | |

R(o)

| | 25% survivorship | 50% survivorship | 75% survivorship |
|-------------------------|------------------|------------------|------------------|
| Iteroparous (II) | 0.719 | 2.000 | 4.031 |
| Additive (IS) | 0.859 | 2.000 | 3.516 |
| Semelparous (SS) | 1.000 | 2.000 | 3.000 |